

WHAT IS CLAIMED IS:

1. An image exposure apparatus comprising:

a plate feed guide that conveys a printing plate
5 for recording an image by an exposure head to a rotating
drum for winding and a punch unit for forming punched holes
to be used for positioning, the punch unit being provided
upper the rotating drum;

a width direction moving unit that moves a
10 conveying pin in a width direction of the printing plate
while the conveying pin is in contact with a width
direction edge of the printing plate, the width direction
moving unit being put on the plate feed guide; and

a reference pin disposed at an opposite side of
15 the width direction moving unit for defining the width
direction edge of the printing plate,

wherein the width direction moving unit comprises:

a moving member moved by a driving motor in the
width direction of the printing plate;

20 pressurizing means for enabling the conveying pin
supported by the moving member in a direction of the
printing plate;

a plurality of pin position detecting sensors that
detects a moving position of the conveying pin wherein the
25 moving member moves forward in the direction of the
printing plate and the conveying pin is moved by coming
into contact with the width direction edge of the printing

plate; and

control means having input means for entering a sort of the printing plate, the control means stopping the driving motor in accordance with a detection signal

5 generated from the pin position detection sensor associated with the sort of the printing plate entered through the input means of the plurality of pin position detecting sensors.

10 2. An image exposure apparatus according to claim 1, wherein the pressurizing means comprises a connecting lever rotatably supported on the moving member, wherein the conveying pin is mounted on the connecting lever, and a pressurizing spring coupled with the connecting lever for
15 enabling the conveying pin in the direction of the printing plate.

20 3. An image exposure apparatus according to claim 2, wherein the conveying pin is rotatably supported by the connecting lever.

25 4. An image exposure apparatus according to claim 2, wherein the pin position detecting sensors detect a connecting position of the connecting lever.

5. An image exposure apparatus according to claim 1, wherein the pin position detecting sensors detect the

width direction edge of the printing plate.

6. An image exposure apparatus according to claim
1, wherein the width direction moving unit has an edge
5 detecting sensor for detecting the width direction edge of
the printing plate first when the moving member moves
forward in the direction of the printing plate, the driving
motor is changed over to a lower speed in accordance with
an instruction of the control means based on a detection
10 signal of the edge detecting sensor.